

Title (en)  
WATER-PURIFYING CARTRIDGE

Title (de)  
WASSERREINIGUNGSPATRONE

Title (fr)  
CARTOUCHE DE PURIFICATION DE L'EAU

Publication  
**EP 2604577 B1 20161130 (EN)**

Application  
**EP 11816485 A 20110811**

Priority  
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Abstract (en)  
[origin: EP2604577A1] It is an object of the present invention to provide a water purification cartridge which can be manufactured in fewer steps and is provided with a raw water inlet composed of a mesh member having excellent durability. The present invention provides a water purification cartridge arranged between a raw water storage section and a purified water storage section of a water purifier and provided with a raw water inlet for taking raw water placed in the raw water storage section into the inside of the water purification cartridge to purify the raw water taken in from the raw water inlet by a filtering material, the water purification cartridge including a planar section above a water purification section in which the filtering material is arranged, wherein the raw water inlet is formed on the planar section with a planar mesh member.

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Citation (opposition)  
Opponent : Brita  
• DE 4200566 A1 19930715 - BRAUN AG [DE]  
• JP 2010162491 A 20100729 - PANASONIC ELEC WORKS CO LTD  
• WO 2007074087 A1 20070705 - BRITA GMBH [DE], et al  
• WO 2009115482 A1 20090924 - BRITA GMBH [DE], et al  
• US 5536394 A 19960716 - LUND JAMES L [US], et al  
• WO 9805401 A1 19980212 - BRITA WATER FILTER SYST LTD [GB], et al  
• WO 9621621 A1 19960718 - I CA LAVORAZIONE ITALIANA CASA [IT], et al  
• WO 0132560 A2 20010510 - BRITA GMBH [DE], et al  
• WO 2005118482 A1 20051215 - BRITA GMBH [DE], et al  
• EP 0328038 A2 19890816 - SARTORIUS GMBH [DE]  
• EP 0508645 A2 19921014 - PALL CORP [US]  
• ZOMBEK, L.: "Porte par Brita, le marche de la filtration d'eau progresse et se diversifie. Cle d'entree du systeme, la carafe est un produit d'appel pour des ventes subsequentes de 15 millions de cartouches par an. Les circuits specialises ont leur carte a jouer", PROFESSION VENDEUR, October 2009 (2009-10-01), pages 2 - 6, XP055413659  
• ANONYMOUS: "Was bringen Wasserfilter?", FREIZEITWOCHE, vol. 2009, no. 51, 9 December 2009 (2009-12-09), XP055413663  
• ANONYMOUS: "Im besten Alter", P UND G PORZELLAN + GLAS, February 2010 (2010-02-01), pages 56, XP055413675  
• ENGUX, M.: "Brita, ça coule de source", LE POINT, 20 August 2009 (2009-08-20), pages 1 - 2, XP055413682  
• VERDIER, M.: "Brita, la carafe qui filtre", LA CROIX, 12 October 2009 (2009-10-12), pages 1, XP055413686  
• ANONYMOUS: "Tischwasserfilter feiern 40. Geburtstag", HITEC ELEKTROFACH, 1 February 2010 (2010-02-01), pages 27, XP055413694  
• CERBELAUD SALAGNAC, A.: "Comment bien filtrer l'eau du robinet?", REPONSE À TOUT!, June 2009 (2009-06-01), XP055413698

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